

WHAT IS CLAIMED IS:

1. An information searching method comprising the steps of:

 inputting a search inquiry character train; forming a summary by using said search inquiry character train and forming a summary word list;

 inputting restricting condition for narrowing down search targets;

 searching by using a document database on the basis of the similarity with said summary word list;

 examining adaptability of a document whether or not satisfying said restricting condition; and

 outputting search results adapted to said restricting condition among results of said similarity based search.

2. A method according to claim 1, wherein said restricting condition is an indispensable word which is indispensable for the search target or a taboo word, or a combination of indispensable words and taboo words.

3. A method according to claim 1, wherein said restricting condition is a search logical expression.

4. A method according to claim 1, wherein a word used for said restricting condition in positive contents are also used as a keyword for an associative search.

5. A method according to claim 1, wherein in said step of examining said adaptability, whether said

restricting condition is satisfied or not is discriminated with respect to the search result searched in said associative searching step.

6. A method according to claim 1, wherein in said searching step, a document which satisfies said restricting condition is searched from said document database and its adaptability is examined and, thereafter, a similarity between the document which satisfies the adaptability and said summary word list is calculated, then searching is done on the basis of the similarity.

7. A method according to claim 1, wherein in said step of forming said summary word list, said summary word list is formed from said search inquiry character train and selected documents.

8. An information search system comprising:
an input frame for inputting a search inquiry character train;
a frame for inputting restricting condition for narrowing down search targets;
means for forming a summary by using said search inquiry character train and forming a summary word list;
a search button for searching by using a document database of an information searching apparatus on the basis of said summary word list, said search button instructing said information searching apparatus to search in accordance with depression of said search

button; and

a search result display frame which receives from said information searching apparatus a search result searched by using said document database and said restricting condition and display said search result.

9. A system according to claim 8, wherein the frame for displaying the search result searched by using said document database and the frame for inputting said restricting condition are displayed in parallel onto a same display screen.

10. A searching server for searching for information, comprising:

importance calculating means for calculating importance of each word among words appearing in a document set on the basis of the frequency of each word in the document set and in said document database;

summary word candidate holding means for holding the words, as candidates, of the high importance calculated by said importance calculating means;

a summary word list which is formed as a summary of said search inquiry character train and selected documents being formed by said importance calculating means and said summary word candidate holding means;

similarity calculating means for calculating a similarity between said summary word list and a

document stored in a document database;

restricting condition examining means for examining whether a document in said document database is adapted to a given restricting condition for narrowing down search targets or not; and

search result candidate holding means for holding results searched from said similarity calculating means and said restricting condition examining means.